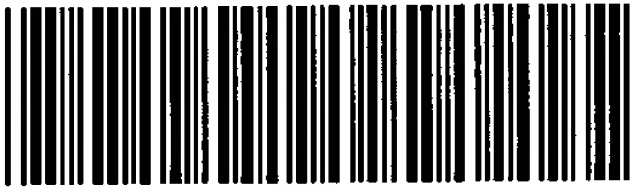
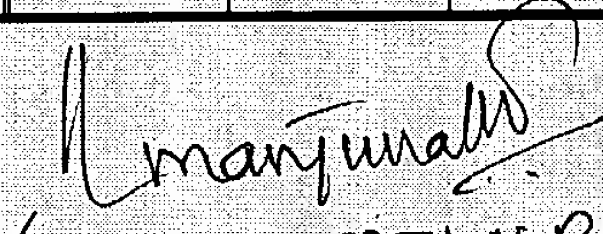


|  |  |                                     |  |
|--|--|-------------------------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b><br>09/492,029       | <b>Applicant(s)</b><br>ZUKER ET AL. |  |
|  | <b>Examiner</b><br>Manjunath N. Rao, Ph.D. | <b>Art Unit</b><br>1652             |  |

| ISSUE CLASSIFICATION                |          |  |                                   |      |    |                          |     |                      |  |
|-------------------------------------|----------|--|-----------------------------------|------|----|--------------------------|-----|----------------------|--|
| ORIGINAL                            |          |  | CROSS REFERENCE(S)                |      |    |                          |     |                      |  |
| CLASS                               | SUBCLASS | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |      |    |                          |     |                      |  |
| 435                                 | 15       | 435  | 4                                 | 6    | 41 | 69.1                     | 183 | 194                  |  |
| INTERNATIONAL CLASSIFICATION        |          | 536  | 23.2                              | 23.5 |    |                          |     |                      |  |
| C12A                                | 1/48     | 530  | 350                               |      |    |                          |     |                      |  |
| C12N                                | 9/00     |  |                                   |      |    |                          |     |                      |  |
| C12N                                | 9/12     |  |                                   |      |    |                          |     |                      |  |
| C07H                                | 21/04    |  |                                   |      |    |                          |     |                      |  |
|                                     | 1        |  |                                   |      |    |                          |     |                      |  |
| (Assistant Examiner) (Date)         |          | <br>(MANJUNATH N. RAO)<br>(Primary Examiner) (Date) 11/2/04 |                                   |      |    | Total Claims Allowed: 26 |     |                      |  |
| (Legal Instruments Examiner) (Date) |          |  |                                   |      |    | O.G. Print Claim(s)<br>1 |     | O.G. Print Fig.<br>— |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       | <input type="checkbox"/> CPA |  |       | <input type="checkbox"/> T.D. |  |       | <input type="checkbox"/> R.1.47 |  |  |
|--|----------|--|-------|----------|--|-------|----------|--|-------|------------------------------|--|-------|-------------------------------|--|-------|---------------------------------|--|--|
| Final  | Original |  | Final | Original |  | Final | Original |  | Final | Original                     |  | Final | Original                      |  | Final | Original                        |  |  |
| 1  | 1        |  |       | 31       |  |       | 61       |  |       | 121                          |  |       | 151                           |  |       | 181                             |  |  |
|  | 2        |  |       | 32       |  |       | 62       |  |       | 122                          |  |       | 152                           |  |       | 182                             |  |  |
| 2  | 3        |  |       | 33       |  |       | 63       |  |       | 123                          |  |       | 153                           |  |       | 183                             |  |  |
| 3  | 4        |  |       | 34       |  |       | 64       |  |       | 124                          |  |       | 154                           |  |       | 184                             |  |  |
| 4  | 5        |  |       | 35       |  |       | 65       |  |       | 125                          |  |       | 155                           |  |       | 185                             |  |  |
| 5  | 6        |  |       | 36       |  |       | 66       |  |       | 126                          |  |       | 156                           |  |       | 186                             |  |  |
| 6  | 7        |  |       | 37       |  |       | 67       |  |       | 127                          |  |       | 157                           |  |       | 187                             |  |  |
| 7  | 8        |  |       | 38       |  |       | 68       |  |       | 128                          |  |       | 158                           |  |       | 188                             |  |  |
| 8  | 9        |  |       | 39       |  |       | 69       |  |       | 129                          |  |       | 159                           |  |       | 189                             |  |  |
| 9  | 10       |  |       | 40       |  |       | 70       |  |       | 130                          |  |       | 160                           |  |       | 190                             |  |  |
| 10   | 11       |  |       | 41       |  |       | 71       |  |       | 131                          |  |       | 161                           |  |       | 191                             |  |  |
| 11   | 12       |  |       | 42       |  |       | 72       |  |       | 132                          |  |       | 162                           |  |       | 192                             |  |  |
| 12   | 13       |  |       | 43       |  |       | 73       |  |       | 133                          |  |       | 163                           |  |       | 193                             |  |  |
| 13   | 14       |  |       | 44       |  |       | 74       |  |       | 134                          |  |       | 164                           |  |       | 194                             |  |  |
| 14   | 15       |  |       | 45       |  |       | 75       |  |       | 135                          |  |       | 165                           |  |       | 195                             |  |  |
| 15   | 16       |  |       | 46       |  |       | 76       |  |       | 136                          |  |       | 166                           |  |       | 196                             |  |  |
| 16   | 17       |  |       | 47       |  |       | 77       |  |       | 137                          |  |       | 167                           |  |       | 197                             |  |  |
| 17   | 18       |  |       | 48       |  |       | 78       |  |       | 138                          |  |       | 168                           |  |       | 198                             |  |  |
| 18   | 19       |  |       | 49       |  |       | 79       |  |       | 139                          |  |       | 169                           |  |       | 199                             |  |  |
| 19   | 20       |  |       | 50       |  |       | 80       |  |       | 140                          |  |       | 170                           |  |       | 200                             |  |  |
|  | 21       |  |       | 51       |  |       | 81       |  |       | 141                          |  |       | 171                           |  |       | 201                             |  |  |
|  | 22       |  |       | 52       |  |       | 82       |  |       | 142                          |  |       | 172                           |  |       | 202                             |  |  |
| 20   | 23       |  |       | 53       |  |       | 83       |  |       | 143                          |  |       | 173                           |  |       | 203                             |  |  |
| 21   | 24       |  |       | 54       |  |       | 84       |  |       | 144                          |  |       | 174                           |  |       | 204                             |  |  |
| 22   | 25       |  |       | 55       |  |       | 85       |  |       | 145                          |  |       | 175                           |  |       | 205                             |  |  |
| 23   | 26       |  |       | 56       |  |       | 86       |  |       | 146                          |  |       | 176                           |  |       | 206                             |  |  |
| 24   | 27       |  |       | 57       |  |       | 87       |  |       | 147                          |  |       | 177                           |  |       | 207                             |  |  |
| 25   | 28       |  |       | 58       |  |       | 88       |  |       | 148                          |  |       | 178                           |  |       | 208                             |  |  |
| 26   | 29       |  |       | 59       |  |       | 89       |  |       | 149                          |  |       | 179                           |  |       | 209                             |  |  |
|  | 30       |  |       | 60       |  |       | 90       |  |       | 150                          |  |       | 180                           |  |       | 210                             |  |  |